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UNITED STATES
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UNITED STATES NATIONAL MUSEUM BULLETIN 298

FINAL VOLUME OF SERIES

Publications of the United States National Museum (1947–1970)

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INTRODUCTION

Since a first monograph in 1875, the United States National Museum has issued its publications in five series: *Special Bulletins, Circulars, Annual Reports, Proceedings,* and *Bulletins*.

The *Special Bulletins*, begun in 1892, ceased in 1915; the *Circulars*, issued initially in 1881, in 1929. The *Annual Reports*, also first published in 1881, were issued through 1964, when the series was discontinued and subsequent reports were incorporated into the larger annual reports of the Smithsonian Institution. The *Proceedings*, first issued in 1878, were terminated in 1968 in favor of new subject-oriented series at the Smithsonian instead of the old museum-oriented serial publications. For the same reason, the *Bulletin* series, begun in 1875, is terminated with the present number. Thus, the volume in hand is the final volume of all the publications of the United States National Museum.

The first complete list of these publications, covering the years 1875–1900, was issued in 1902 as *Bulletin 51*. It bore the title *A List of the Publications of the United States National Museum (1875–1900) Including the Annual Reports, Proceedings, Bulletins, Special Bulletins, and Circulars, with Index to Titles.* A supplement brought the listing up to date through calendar year 1906.

In 1946, a cumulative volume, *Bulletin 193*, was issued, comprising the two earlier lists plus all titles published in the intervening forty years. It bore the shorter title *A List and Index of the Publications of the United States National Museum (1875–1946)*. A supplement brought the list up to date through June 1958.

The present volume comprehends the supplement and thus is a continuation of *Bulletin 193*.

A word of bibliographic explanation: the *Bulletin* series carries within it what loosely might be termed two "subseries." The *Contributions from the United States National Herbarium* (first issued in 1890–1895), although considered a part of the *Bulletins*, is treated separately because of its independent numbering system. Conversely, the other subseries, *Contributions from the Museum of History and Technology* (first issued in 1959), does not carry seriation independent of the *Bulletins* and thus is included in the listing of that larger series.

In the index to titles, all topics (authors, persons' names, taxonomic terms, general subjects, places) are arranged in a straight alphabetical listing. There are as many parallel references to a work as are required by the number of topics in the title. Thus, a single bibliographic entry may be approached through a variety of routes.

Bulletin 193 and *Bulletin 298*, with their spanning dates (1875–1946; 1947–1970), provide a complete list and index for all publications of the United States National Museum.

The current serial publications of the Smithsonian Institution are:

Smithsonian Annals of Flight
Smithsonian Contributions to Anthropology
Smithsonian Contributions to Astrophysics
Smithsonian Contributions to Botany
Smithsonian Contributions to the Earth Sciences
Smithsonian Contributions to Paleobiology
Smithsonian Contributions to Zoology
Smithsonian Studies in History and Technology

ANNUAL REPORTS

1947. *Report on the Progress and Condition of the United States National Museum for the Fiscal Year Ended June 30, 1947.* iii+108 pages. 17 January 1948.

1948. *Report on the Progress and Condition of the United States National Museum for the Year Ended June 30, 1948.* iii+127 pages. 25 January 1949.

1949. *Report on the Progress and Condition of the United States National Museum for the Year Ended June 30, 1949.* iii+123 pages. 13 January 1950.

1950. *Report on the Progress and Condition of the United States National Museum for the Year Ended June 30, 1950.* iii+141 pages. 10 January 1951.

1951. *Report on the Progress and Condition of the United States National Museum for the Year Ended June 30, 1951.* iv+112 pages. 5 plates. 10 January 1951.

1952. *Annual Report for the Year Ended June 30, 1952.* iv+103 pages. 15 January 1953.

1953. *The United States National Museum Annual Report for the Year Ended June 30, 1953.* vii+97 pages. 12 January 1954.

1954. *The United States National Museum Annual Report for the Year Ended June 30, 1954.* ix+100 pages. 14 January 1955.

1955. *The United States National Museum Annual Report for the Year Ended June 30, 1955.* v+102 pages, illustrated. 1956.

1956. *The United States National Museum Annual Report for the Year Ended June 30, 1956.* ix+105 pages, illustrated. 18 January 1957.

1957. *The United States National Museum Annual Report for the Year Ended June 30, 1957.* vi+137 pages, illustrated. 17 January 1958.

1958. *The United States National Museum Annual Report for the Year Ended June 30, 1958.* iv+150 pages, illustrated. 16 January 1959.

1959. *The United States National Museum Annual Report for the Year Ended June 30, 1959.* vi+178 pages, illustrated. 15 January 1960.

1960. *The United States National Museum Annual Report for the Year Ended June 30, 1960.* vi+175 pages, illustrated. 13 January 1961.

1961. *The United States National Museum Annual Report for the Year Ended June 30, 1961.* viii+188 pages, illustrated. 25 January 1962.

1962. *The United States National Museum Annual Report for the Year Ended June 30, 1962.* viii+195 pages, illustrated. 24 January 1963.

1963. *The United States National Museum Annual Report for the Year Ended June 30, 1963.* vii+226 pages, illustrated. 23 January 1964.

1964. *The United States National Museum Annual Report for the Year Ended June 30, 1964.* viii+215 pages, illustrated. 28 January 1965. [Final volume of series. Report hereinafter incorporated in the Smithsonian annual report, *Smithsonian Year.*]

BULLETINS OF THE UNITED STATES NATIONAL MUSEUM

50. *Birds of North and Middle America,* part 11: *Families Cathartidae, Accipitridae, Pandionidae, Falconidae*, by Herbert Friedmann. xiii+793 pages, 51 figures. 29 September 1950.

82. *A Monograph of the Existing Crinoids*, volume 1: *The Comatulids*, part 4b: *Superfamily Mariametrida (Concluded–the Family Colobometridae) and Superfamily Tropiometrida (Except the Families Thalassometridae and Charitometridae)*, by Austin Hobart Clark. vii+473 pages, 43 plates. 9 October 1947.

82. *A Monograph of the Existing Crinoids*, volume 1: *The Comatulids*, part 4c: *Superfamily Tropiometrida (the Families Thalassometridae and Charitometridae)*, by Austin Hobart Clark. vi+383 pages, 32 plates. 16 August 1950.

82. *A Monograph of the Existing Crinoids*, volume 1: *The Comatulids*, part 5: *Suborders Oligophreta (Concluded) and Macrophreata*, by Austin Hobart Clark and Ailsa McGown Clark. xiv+860 pages. 30 August 1967.

100, volume 14, parts 1–4. Title page, table of contents, and index. vii+443–461 pages. 16 May 1963.

100, volume 14. *Report on the Echinoidea Collected by the United States Fisheries Steamer* Albatross *During the Philippine Expedition, 1907–1910*, part 3: *The Echinoneidae, Echinolampadidae, Clypeastridae, Arachnoididae, Laganidae, Fibulariidae, Urechinidae, Echinocorythidae, Palaeostomatidae, Micrasteridae, Palaeopneustidae, Hemiasteridae, and Spatangidae*, by Theodor Mortensen. Pages i–iii+93–140. 29 October 1949.

100, volume 14, part 4. *Copepods Gathered by the United States Fisheries Steamer* Albatross *from 1887 to 1909, Chiefly in the Pacific Ocean*, by Charles Branch Wilson. Pages i–xi+141–441, plates 2–36. 17 October 1950.

161, part 4. *The Foraminifera of the Tropical Pacific Collections of the* Albatross, *1899–1900*, by Ruth Todd. v+139 pages. 28 plates, 26 January 1965.

185, part 5. *Checklist of the Coleopterous Insects of Mexico, Central America, the West Indies, and South America*, by Richard E. Blackwelder. Pages i–iv+765–925. 31 October 1947.

185, part 6. *Checklist of the Coleopterous Insects of Mexico, Central America, the West Indies, and South America*, by Richard E. Blackwelder. viii+927–1492 pages. 15 May 1957.

193. *A List and Index of the Publications of the United States National Museum (1875–1946)*. iv+306 pages. 19 December 1947.

193, supplement 1. *Publications of the United States National Museum, January 1947–June 1958*. iii+16 pages. 8 October 1958.

194. *An Annotated Checklist and Key to the Amphibia of Mexico*, by Hobart M. Smith and Edward H. Taylor. iv+118 pages. 17 June 1948.

195. *Life Histories of North American Nuthatches, Wrens, Thrashers, and Their Allies: Order Passeriformes*, by Arthur Cleveland Bent. xi+475 pages, 90 plates. 7 July 1948.

196. *Life Histories of North American Thrushes, Kinglets, and Their Allies: Order Passeriformes*, by Arthur Cleveland Bent. viii+454 pages, 51 plates. 28 June 1949.

197. *Life Histories of North American Wagtails, Shrikes, Vireos, and Their Allies: Order Passeriformes*, by Arthur Cleveland Bent. vii+411 pages, 48 plates. 21 June 1950.

198. *Catalog of the Automobile and Motorcycle Collection of the Division of Engineering, United States National Museum*, by Smith Hempstone Oliver. iv+62 pages, 18 plates. 9 May 1950.

199. *An Annotated Checklist and Key to the Reptiles of Mexico Exclusive of the Snakes*, by Hobart M. Smith and Edward H. Taylor. v+253 pages. 16 October 1950.

200. *The Generic Names of the Beetle Family Staphylinidae*, by Richard E. Blackwelder. iv+483 pages. 21 July 1952.

201. *The Mysidacea of the United States National Museum*, by Walter M. Tattersall. x+292 pages, 103 figures. 4 October 1951.

202 [volume 1]. *Fishes of the Marshall and Marianas Islands*, by Leonard P. Schultz and collaborators. xxxii+685 pages, 74 plates, 90 figures. 15 December 1953.

202, volume 2. *Fishes of the Marshall and Marianas Islands*, by Leonard P. Schultz and collaborators: Wilbert M. Chapman, Ernest A. Lachner, and Loren P. Woods. ix+438 pages, plates 75–123, figures 91–132. 11 May 1960.

202, volume 3. *Fishes of the Marshall and Marianas Islands*, by Leonard P. Schultz and collaborators: Loren P. Woods and Ernest A. Lachner. vii+176 pages, 25 plates, 18 tables, 22 figures. 9 March 1966.

203. *Life Histories of North American Wood Warblers*, by Arthur Cleveland Bent. xi+734 pages, 83 plates. 15 June 1953.

204. *Catalog of the Cycle Collection of the Division of Engineering, United States National Museum*, by Smith Hempstone Oliver. vi+40 pages, 24 plates, 1 figure. 26 May 1953.

205. *List of North American Recent Mammals*, by Gerrit S. Miller, Jr., and Remington Kellogg. xii+954 pages. 3 March 1955.

206. *Frogs of Southeastern Brazil*, by Doris M. Cochran. xi+423 pages, 28 figures, frontispiece, 34 plates. 22 June 1955.

207. *American Moths of the Subfamily Phycitinae*, by Carl Heinrich. viii+581 pages, 1,138 figures. 18 September 1956.

208. *The Honey-guides*, by Herbert Friedmann. vii+292 pages, 6 figures, 25 plates. 20 October 1955.

209. *Nearctic Wasps of the Subfamilies Pepsinae and Ceropalinae*, by Henry Townes. iv+286 pages, 161 figures, 4 plates. 11 March 1957.

210. *The First Quarter-century of Steam Locomotives in North America: Remaining Relics and Operable Replicas, with a Catalog of Locomotive Models in the United States National Museum*, by Smith Hempstone Oliver. 112 pages, 81 figures, frontispiece. 6 August 1956.
211. *Life Histories of North American Blackbirds, Orioles, Tanagers, and Allies*, by Arthur Cleveland Bent. ix+549 pages, 37 plates. 27 February 1958.
212. *Checklist of the Millipeds of North America*, by Ralph V. Chamberlin and Richard L. Hoffman. iii+236 pages. 26 September 1958.
213. *Automobiles and Motorcycles in the U. S. National Museum*, by Smith Hempstone Oliver. 157 pages, 103 figures, frontispiece. 25 June 1957.
214. *Review of the Parrotfishes, Family Scaridae*, by Leonard P. Schultz. v+143 pages, 31 figures, 27 plates. 16 September 1958.
215. *Studies in Foraminifera*, by Alfred R. Loeblich, Jr., and collaborators. vi+323 pages. 30 December 1957.
216. *Ichneumon-flies of America North of Mexico*, part 1: *Subfamily Metopiinae*, by Henry and Marjorie Townes. ix+318 pages, 196 figures. 6 March 1959.
216. *Ichneumon-flies of America North of Mexico*, part 2: *Subfamilies Ephialtinae, Xoridinae, and Acaenitinae*, by Henry and Marjorie Townes and collaborators: G. Stuart Walley, Luella Walkley, Dale Habeck, and George Townes. vii+676 pages, 378 figures. 24 June 1960.
216. *Ichneumon-flies of America North of Mexico*, part 3: *Subfamily Gelinae, Tribe Mesostenini*, by Henry and Marjorie Townes. viii+602 pages, 400 figures. 13 March 1962.
217. *Birds of Anaktuvuk Pass, Kobuk, and Old Crow*, by Laurence Irving. viii+409 pages, 13 plates, 36 figures. 22 March 1960.
218. *Contributions from the Museum of History and Technology*: Papers 1–11. v+201 pages, 124 figures. 16 November 1959 [publication date for all eleven papers].
    1. "The Scholfield Wool-carding Machines," by Grace L. Rogers. Pages 1–14, 10 figures.
    2. "John Deere's Steel Plow," by Edward C. Kendall. Pages 15–26, 10 figures.
    3. "The Beginnings of Cheap Steel," by Philip W. Bishop. Pages 27–48, 2 figures.
    4. "The Auburndale Watch Company," by Edwin A. Battison. Pages 49–68, 22 figures.
    5. "Development of the Phonograph at Alexander Graham Bell's Volta Laboratory," by Leslie J. Newville. Pages 69–80, 8 figures.
    6. "On the Origin of Clockwork, Perpetual Motion Devices, and the Compass," by Derek J. de Solla Price. Pages 81–112, 22 figures.
    7. "Mine Pumping in Agricola's Time and Later," by Robert P. Multhauf. Pages 113–120, 8 figures.

8. "The Natural Philosophy of William Gilbert and His Predecessors," by W. James King. Pages 121–140, 1 figure.
9. "Conestoga Wagons in Braddock's Campaign, 1755," by Don H. Berkebile. Pages 141–154, 10 figures.
10. "Old English Patent Medicines in America," by George B. Griffenhagen and James Harvey Young. Pages 155–184, 16 figures.
11. "Why Bewick Succeeded: A Note in the History of Wood Engraving," by Jacob Kainen. Pages 185–201, 15 figures.

219. *The National Watercraft Collection*, by Howard I. Chapelle. xi+327 pages, 204 figures. 23 November 1960.
220. *Type Specimens of Reptiles and Amphibians in the U.S. National Museum*, by Doris M. Cochran. xv+291 pages. 4 April 1961.
221. *Type Specimens of Birds in the United States National Museum*, by Herbert G. Deignan. x+718 pages. 17 March 1961.
222. *John Baptist Jackson: 18th-century Master of the Color Woodcut*, by Jacob Kainen. xii+183 pages, 101 illustrations (12 color). 1 June 1962.
223. *The Parasitic Weaverbirds*, by Herbert Friedmann. viii+196 pages, 3 figures, 16 plates (4 color). 30 December 1960.
224. *Robber Flies of the World: The Genera of the Family Asilidae*, by Frank M. Hull. Part 1: x+430 pages; part 2: v+431–907 pages. 25 June 1962.
225. *Contributions from the Museum of History and Technology*: Papers 12–18 on History.
    12. "Hermann Stieffel, Soldier-artist of the West," by Edgar M. Howell. Pages 1–16, 11 figures. 8 July 1960.
    13. "North Devon Pottery and Its Export to America in the 17th Century," by C. Malcolm Watkins. Pages 17–60, 36 figures (1 color). 30 December 1960.
    14. "Tea Drinking in 18th-century America: Its Etiquette and Equipage," by Rodris Roth. Pages 61–91, 22 figures, 1 color plate. 30 January 1961.
    15. "Italian Harpsichord-building in the 16th and 17th Centuries," by John. D. Shortridge. Pages 93–107, 12 figures. 15 December 1960.
    16. "Drug Supplies in the American Revolution," by George B. Griffenhagen. Pages 109–133, 4 figures. 9 March 1961.
    17. "The Effect of Bacon's Rebellion on Government in England and Virginia," by Wilcomb E. Washburn. Pages 135–152, 8 figures. 16 February 1962.
    18. "Excavations at Rosewell in Gloucester County, Virginia, 1957–1959," by Ivor Noël Hume. Pages 153–229, 38 figures. 24 May 1962.
226. *Checklist of the Birds of Thailand*, by Herbert G. Deignan. x+263 pages, 1 figure. 31 December 1963.
227. *Marine Polychaete Worms of the New England Region*, part 1: *Families Aphroditidae through Trochochaetidae*, by Marian H. Pettibone. v+356 pages, 83 figures. 5 November 1963.

228. *Contributions from the Museum of History and Technology*: Papers 19–30 on Science and Technology.
    19. "Elevator Systems of the Eiffel Tower, 1889," by Robert M. Vogel. Pages 1–40, 41 figures. 21 February 1961.
    20. "John Ericsson and the Age of Caloric," by Eugene S. Ferguson. Pages 41–60, 11 figures. 25 January 1961.
    21. "The Pioneer Steamship *Savannah*: A Study for a Scale Model," by Howard I. Chapelle. Pages 61–80, 9 figures. 15 September 1961.
    22. "Drawings and Pharmacy in al-Zahrawi's 10th-century Surgical Treatise," by Sami Hamarneh. Pages 81–94, 21 figures. 10 October 1961.
    23. "The Introduction of Self-registering Meteorological Instruments," by Robert P. Multhauf. Pages 95–116, 16 figures. 6 September 1961.
    24. "Introduction of the Locomotive Safety Truck," by John H. White. Pages 117–131, 12 figures. 5 September 1961.
    25. "The Migrations of an American Boat Type," by Howard I. Chapelle. Pages 133–154, 20 figures. 6 November 1961.
    26. "Holcomb, Fitz, and Peate: Three 19th-century American Telescope Makers," by Robert P. Multhauf, Amasa Holcomb, Louise Fitz Howell, F. W. Preston, and William J. McGrath, Jr. Pages 155–184, 15 figures. 15 January 1962.
    27. "Kinematics of Mechanisms from the Time of Watt," by Eugene S. Ferguson. Pages 185–230, 46 figures. 14 February 1962.
    28. "The Development of Electrical Technology in the 19th Century: 1. The Electrochemical Cell and the Electromagnet," by W. James King. Pages 231–271, 71 figures. 15 January 1962.
    29. "The Development of Electrical Technology in the 19th Century: 2. The Telegraph and the Telephone," by W. James King. Pages 273–332, 80 figures. 17 September 1962.
    30. "The Development of Electrical Technology in the 19th Century: 3. The Early Arc Light and Generator," by W. James King. Pages 333–407, 92 figures. 17 September 1962.
229. *Contributions from the Museum of History and Technology*: Papers 31–33 on Numismatics [paged separately].
    31. "History of the National Numismatic Collections," by Vladimir Clain-Stefanelli. 108 pages, 140 figures. 16 April 1969.
    32. "Numismatics: An Ancient Science–A Survey of Its History," by Elvira Eliza Clain-Stefanelli. 102 pages, 47 figures. 30 December 1965.
    33. "Italian Coin Engravers Since 1800," by Elvira Eliza Clain-Stefanelli. 68 pages, 138 figures. 13 December 1965.
230. *The Bark Canoes and Skin Boats of North America*, by Edwin Tappan Adney and Howard I. Chapelle. xiv+242 pages, 224 figures. 8 September 1964.
231. *Early American Scientific Instruments and Their Makers*, by Silvio A. Bedini. xii+184 pages, 86 figures. 14 August 1964.

232. *The Lithographs of Childe Hassam: A Catalog*, by Fuller Griffith. vii+66 pages, 45 figures. 29 June 1962.
233. *Host Relations of the Parasitic Cowbirds*, by Herbert Friedmann. ix+276 pages. 13 June 1963.
234. *Cephalopods of the Philippine Islands*, by Gilbert L. Voss. v+180 pages, 4 plates, 36 figures. 27 August 1963.
235. *American Military Insignia, 1800–1851*, by J. Duncan Campbell and Edgar M. Howell. xv+124 pages, 277 figures. 27 June 1963.
236. *Free-living Copepoda from Ifaluk Atoll in the Caroline Islands with Notes on Related Species*, by Willem Vervoort. ix+431 pages, 151 figures. 30 June 1964.
237, parts 1–3. *Life Histories of North American Cardinals, Grosbeaks, Buntings, Towhees, Finches, Sparrows, and Allies*, by Arthur Cleveland Bent and collaborators, compiled and edited by Oliver L. Austin, Jr. xxvii+xi+viii+1,889 pages, 78 plates, 3 color frontispieces. 4 June 1968.
238. *Early Engineering Reminiscences (1815–40) of George Escol Sellers*, edited by Eugene S. Ferguson. xix+203 pages, 84 figures. 15 February 1965.
239. *The Recent Mollusca of Augustus Addison Gould*, by Richard I. Johnson. v+182 pages, 45 plates. 28 July 1964.
240. *Contributions from the Museum of History and Technology*: Papers 34–44 on Science and Technology.
    34. "The 1893 Duryea Automobile," by Don H. Berkebile. Pages 1–28, 30 figures. 13 October 1964.
    35. "The Borghesi Astronomical Clock," by Silvio A. Bedini. Pages 29–76, 35 figures. 13 November 1964.
    36. "The Engineering Contributions of Wendel Bollman," by Robert M. Vogel. Pages 77–104, 24 figures. 13 November 1964.
    37. "Screw-thread Cutting by the Master-screw Method Since 1480," by Edwin A. Battison. 105–120 pages, 23 figures. 29 October 1964.
    38. "The Earliest Electromagnetic Instruments," by Robert A. Chipman. Pages 121–136, 8 figures. 13 November 1964.
    39. "Fulton's 'Steam Battery': Blockship and Catamaran," by Howard I. Chapelle. Pages 137–176, 20 figures. 24 November 1964.
    40. "History of Phosphorus," by Eduard Farber. Pages 177–200, 23 figures. 8 March 1965.
    41. "Tunnel Engineering–A Museum Treatment," by Robert M. Vogel. Pages 201–240, 44 figures. 29 October 1964.
    42. "The *Pioneer*: Light Passenger Locomotive of 1851 in the Museum of History and Technology," by John H. White. Pages 241–268, 30 figures. 17 November 1964.
    43. "History of the Division of Medical Sciences," by Sami Hamarneh. Pages 269–300, 24 figures. 24 November 1964.
    44. "Development of Gravity Pendulums in the 19th Century," by Victor F. Lenzen and Robert P. Multhauf. Pages 301-348, 34 figures. 14 May 1965.

241. *Contributions from the Museum of History and Technology*: Papers 45–51 on History.
   45. "Political Campaign Torches," by Herbert R. Collins. Pages 1–44, 95 figures. 22 December 1964.
   46. "Bryan the Campaigner," by Keith Melder. Pages 45–80, 19 figures. 6 May 1965.
   47. "Presentation Pieces in the Museum of History and Technology," by Margaret Brown Klapthor. Pages 81–108, 22 figures. 20 September 1965.
   48. "United States Patents, 1790 to 1870: New Uses for Old Ideas," by Peter C. Welsh. Pages 109–152, 57 figures. 5 May 1965.
   49. "Benjamin Latrobe and Dolley Madison Decorate the White House, 1809–1811," by Margaret Brown Klapthor. Pages 153–164, 10 figures. 3 November 1965.
   50. "Red Cross Ambulance of 1898 in the Museum of History and Technology," by Herbert R. Collins. Pages 165–176, 8 figures. 14 April 1965.
   51. "Woodworking Tools, 1600–1900," by Peter C. Welsh. Pages 177–227, 66 figures. 7 June 1966.
242. *Tanning in the Unites States to 1850: A Brief History*, by Peter C. Welsh. ix+99 pages, 28 figures. 21 December 1964.
243. *Lacebugs of the World: A Catalog (Hemiptera: Tingidae)*, by Carl J. Drake and Florence A. Ruhoff. viii+634 pages, 57 plates, 6 figures. 8 March 1965.
244. *Bagworm Moths of the Western Hemisphere (Lepidoptera: Psychidae)*, by Donald R. Davis. v+233 pages, 12 maps, 385 figures. 1 June 1964.
245. *Cincinnati Locomotive Builders, 1845–1868*, by John H. White. 167 pages, 56 figures. 30 December 1965.
246, *Catalog of Living Whales*, by Philip Hershkovitz. 259 pages. 28 February 1966.
247, parts 1 and 2. *Fossil Marine Mammals from the Miocene Calvert Formation of Maryland and Virginia*, by Remington Kellogg. 63 pages, 32 plates, 31 figures. 15 October 1965.
247, parts 3 and 4. *Fossil Marine Mammals from the Miocene Calvert Formation of Maryland and Virginia*, by Remington Kellogg. Pages iv+ 65–101, figures 32–38, plates 33–45. 28 November 1966.
247, parts 5–8. *Fossil Marine Mammals from the Miocene Calvert Formation of Maryland and Virginia*, by Remington Kellogg. Pages 103–201, figures 39–98. 12 June 1968.
248. *Carriker on Mallophaga: Posthumous Papers, Catalog of Forms Described as New, and Bibliography*, by Melbourne A. Carriker, Jr., edited by K. C. Emerson. xi+150 pages, 100 figures, frontispiece. 20 September 1967.
249. *Contributions from the Museum of History and Technology*: Papers 52–54 on Archeology.

52. "Excavations at Clay Bank in Gloucester County, Virginia, 1962–1963," by Ivor Noël Hume. Pages 1–28, 16 figures. 18 January 1966.
53. "Excavations at Tutter's Neck in James City County, Virginia, 1960–1961," by Ivor Noël Hume. Pages 29–72, 20 figures. 3 June 1966.
54. "The 'Poor Potter' of Yorktown," by C. Malcolm Watkins and Ivor Noël Hume. Pages 73–111, 20 figures. 12 October 1967.
55–58. [No papers assigned to these numbers. *Bulletin 249* terminated with paper 54.]

250. *Contributions from the Museum of History and Technology*: Papers 59–64 on History.
59. "Floor Coverings in 18th-Century America," by Rodris Roth. Pages 1–64, 28 figures. 2 August 1967.
60. "Origin and Early History of the Fashion Plate," by John L. Nevinson. Pages 65–92, 34 figures. 2 August 1967.
61. "Rembrandt's Etching Technique: An Example," by Peter Morse. Pages 93–108, 16 figures. 4 May 1966.
62. "White House China of the Lincoln Administration," by Margaret Brown Klapthor. Pages 109–120, 14 figures. 30 August 1967.
63. "The Penitente Moradas of Abiquiú," by Richard E. Ahlborn. Pages 121–168, 55 figures. 11 October 1968.
64. "Women's Bathing and Swimming Costume in the United States," by Claudia B. Kidwell. Pages 1–32 [sic], 18 figures. 29 January 1969.
65–68. [No papers assigned to these numbers. *Bulletin 250* terminated with paper 64.]

251. *Pacific Tunicata of the United States National Museum*, by Takasi Tokioka. v+247 pages, 105 figures. 27 April 1967.

252. *Contributions from the Museum of History and Technology*: Papers 69–72 on Technology.
69. "James Millholland and Early Railroad Engineering," by John H. White. Pages 1–36, 29 figures. 21 June 1967.
70. "William Gunn Price and the Price Current Meters," by Arthur H. Frazier. Pages 37–68, 39 figures. 29 March 1967.
71. "Sir William Congreve and His Compound-Plate Printing," by Elizabeth M. Harris. Pages 69–88, 22 figures, 14 color plates. 3 November 1967.
72. "Anthracite in the Lehigh Valley of Pennsylvania," by John N. Hoffman. Pages 89–142, 23 figures. 3 July 1968.

253. *The Cultural History of Marlborough, Virginia,* by C. Malcolm Watkins. viii+224 pages, 91 figures, 89 line drawings. 24 October 1968.

254. *The Invention of the Sewing Machine*, by Grace Rogers Cooper. viii+156 pages, 137 figures. 2 July 1968.

255. *A Revision of the Moths of the Subfamily Prodoxinae (Lepidoptera: Incurvariidae)*, by Donald R. Davis. iv+170 pages, 155 figures, 3 tables, 17 maps, 3 diagrams. 18 April 1967.

256. *Cactus-feeding Insects and Mites*, by John Mann. xii+158 pages, 8 plates. 28 February 1969.
257. *Microlepidoptera of the Philippine Islands*, by A. Diakonoff. 484 pages, 846 figures. 31 January 1968.
258. *Gammaridean Amphipoda of the Rocky Intertidal of California: Monterey Bay to La Jolla*, by J. Laurens Barnard. x+230 pages, 65 figures. 14 May 1969.
259. *Systematics, Speciation, and Distribution of the Subterranean Amphipod Genus* Stygonectes *(Gammaridae)*, by John R. Holsinger. 176 pages, 36 figures, 6 tables. 14 July 1967.
260. *Bathyal and Abyssal Gammaridean Amphipoda of Cedros Trench, Baja California*, by J. Laurens Barnard. 205 pages, 92 figures. 17 October 1967.
261. *Taxonomic Study of the Cicadellinae (Homoptera: Cicadellidae)*, part 1: *Proconiini,* by David A. Young. vii+287 pages, 261 figures. 25 July 1968.
262. *Catalog of the Type Specimens of Invertebrate Fossils*, by Louis Purnell. iv+198 pages. 5 April 1968.
263. *Fruit Flies of the Ryukyu Islands*, by Tokuichi Shiraki. 104 pages, 35 plates. 17 April 1968.
264. *Catalog of Recent Echinoid Type Specimens in the U.S. National Museum, Smithsonian Institution, and the Museum of Comparative Zoology, Harvard University*, by Maureen E. Downey. vi+99 pages. 5 April 1968.
265. *The Evolutionary History of the Avian Genus* Chrysococcyx, by Herbert Friedmann. viii+137 pages. 17 May 1968.
266. *A Checklist of the Millipeds of Mexico and Central America*, by H. F. Loomis. v+137 pages. 24 October 1968.
267. *Bibliography and Index to Scientific Contributions of Carl J. Drake for the Years 1914–1967*, by Florence A. Ruhoff. viii+81 pages. 28 March 1968.
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269. *Catalog of United States Army Uniforms in the Collection of the Smithsonian Institution,* volume 1: *United States Army Headgear to 1854*, by Edgar M. Howell and Donald E. Kloster. xii+75 pages, 54 figures. 9 May 1969.
270. *The Types of Proctotrupoidea (Hymenoptera) in the United States National Museum*, by Lubomir Masner and Carl F. W. Muesebeck. iv+143 pages. 17 May 1968.
271. *The Families and Genera of Marine Gammaridean Amphipoda*, by J. Laurens Barnard. 535 pages, 173 figures. 14 May 1969.
272. *Comprehensive Revision of a Worldwide Collection of Freshwater Sponges (Porifera: Spongillidae)*, by J. T. Penney and A. A. Racek. v+184 pages, 15 plates. 24 September 1968.
273. *The Muscular System of the Red Howling Monkey*, by Miguel A. Schön. vi+185 pages, 49 figures, 5 tables. 12 August 1968.

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275. *The Rodents of Libya: Taxonomy, Ecology, and Zoogeographical Relationships*, by Gary L. Ranck. vii+264 pages, 54 figures, 16 plates. 2 October 1968.
276. *A Revision of the Genus* Malacosoma *Hübner in North America (Lepidoptera: Lasiocampidae): Systematics, Biology, Immatures, and Parasites*, by Frederick W. Stehr and Edwin F. Cook. vi+321 pages, 399 figures. 30 December 1968.
277. *A Revision of the Scenopinidae (Diptera) of the World*, by L. P. Kelsey. v+336 pages, 208 figures. 31 December 1969.
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282. *A Revision of the Catfish Genus* Noturus *Rafinesque with an Analysis of Higher Groups in the Ictaluridae*, by William Ralph Taylor. vi+315 pages, 5 figures, 21 plates, 14 maps, 28 tables. 31 December 1969.
283. *Revision of the Oriental Species of* Stilobezzia *Kieffer (Diptera, Ceratopogonidae)*, by Sujit Kumar Das Gupta and Willis W. Wirth. iv+149 pages, 99 figures, 1 table. 28 August 1968.
284. *Osteology and Classification of the Fishes of the Family Blenniidae*, by Victor G. Springer. 85 pages, 16 figures, 11 plates. 10 September 1968.
285. *Two FORTRAN II Programs for the Univariate and Bivariate Analysis of Morphometric Data*, by Thomas R. Waller. vi+55 pages, 2 figures. 3 April 1969.
286. *Bee Flies of the World: The Genera of the Family Bombyliidae*, by Frank M. Hull. [In preparation.]
287. *The Zoological Taxa of William Healey Dall*, by Kenneth J. Boss, Joseph Rosewater, and Florence A. Ruhoff. vi+427 pages, 25 November 1968.
288. *Frogs of Colombia*, by Doris M. Cochran and Coleman J. Goin. xii+655 pages, 55 figures, 68 plates. 6 July 1970.
289. *A Revision of the American Moths of the Family Carposinidae (Leipidoptera: Carposinoidea)*, by Donald R. Davis. v+105 pages, 122 figures, 10 maps. 11 March 1969.
290. *A Review of the Genus* Cryptocephalus *in America North of Mexico (Chrysomelidae: Coleoptera)*, by Richard E. White. iv+124 pages, 140 figures. 31 January 1969.

291. *Systematics and Zoogeography of the Worldwide Bathypelagic Squid Bathyteuthis (Cephalopoda: Oegopsida)*, by Clyde F. E. Roper. v+210 pages, 74 figures, 12 plates, 20 tables. 1 August 1969.
292. *Bredin-Archbold-Smithsonian Biological Survey of Dominica: The Freshwater and Terrestrial Decapod Crustaceans of the West Indies with Special Reference to Dominica*, by Fenner A. Chace, Jr., and Horton H. Hobbs, Jr. 258 pages, 76 figures, 5 plates. 14 May 1969.
293. *Catalog of Recent Ophiuroid Type Specimens in Major Collections in the United States*, by Maureen E. Downey. vi+239 pages. 6 November 1969.
294. *Cetothere Skeletons from the Miocene Choptank Formation of Maryland and Virginia*, by Remington Kellogg. vii+40 pages, 2 figures, 25 plates, 23 tables. 14 May 1969.
295. *Revision of Recent Bairdiidae (Ostracoda)*, by Rosalie F. Maddocks. iv+126 pages, 63 figures, 1 plate, 2 tables. 18 August 1969.
296. *The Burrowing Barnacles (Cirripedia: Order Acrothoracica)*, by Jack T. Tomlinson. v+162 pages, 45 figures, 3 tables. 25 November 1969.
297. *Catalogue of the Neotropical Squamata,* part II: *Lizards and Amphisbaenians*, by James A. Peters and Roberto Donpso-Barros. viii+293 pages, 104 figures. 24 February 1970.
298 [final volume of series]. *Publications of the United States National Museum (1947–1970)*. 1971.

CONTRIBUTIONS FROM THE UNITED STATES NATIONAL HERBARIUM

Volume 29

Systematic Plant Studies. Title page and table of contents. Pages i–vi. 15 November 1957.

Part 3. "The American Species of *Hymenophyllum*, Section *Sphaerocionium*," by C. V. Morton. Pages i–viii+139–201. 16 April 1947.

Part 4. "The Awnless Annual Species of *Muhlenbergia*," by Jason R. Swallen. Pages i–ii+203–208. 24 November 1947.

Part 5. "A Revision of *Macrocarpaea*, a Neotropical Genus of Shrubby Gentians," by Joseph Ewan. Pages i–vii+209–249, plates 1–5. 23 August 1948.

Part 6. "New Grasses from Honduras, Colombia, Venezuela, Ecuador, Bolivia, and Brazil," by Jason R. Swallen. Pages i–iii+251–276. 18 February 1949.

Part 7. "Studies in the Bromeliaceae, XV," by Lyman B. Smith. Pages i–vii+277–316, figures 2–36. 28 December 1949.

Part 8. "Studies of South American Plants, XII," by A. C. Smith. Pages i–viii+317–393. 23 January 1950.

Part 9. "New Grasses from Mexico, Central America, and Surinam," by Jason R. Swallen. Pages i–v+395–428. 7 March 1950.

Part 10. "Studies in the Bromeliaceae, XVI," by Lyman B. Smith. Pages i–viii+429–520, figures 37–76. 20 June 1951.

Part 11. "Studies in the Bromeliaceae, XVII," by Lyman B. Smith. Pages i–vi+521–543, figures 77–94. 19 February 1954.

Part 12. "Notes on Some Brazilian and Other Leguminosae," by Arturo Burkhart. Pages 545–551. 15 November 1957.

Volume 30

Studies of Pacific Island Plants. Title page and table of contents. Pages i–v. 15 November 1957.

Part 1. "A Botanical Bibliography of the Islands of the Pacific," by Elmer D. Merrill. Pages 1–322. "A Subject Index to Elmer D. Merrill's 'A Botanical Bibliography of the Islands of the Pacific,'" by Egbert H. Walker. Pages 323–404. 25 February 1947.

Part 2. "Observations on the Grass Flora of Certain Pacific Islands," by L. T. Burcham. Pages i–vii+405–447, 4 figures, 7 plates. 10 March 1948.

Part 3. "Additional Phanerogams in the Flora of Guam, with Notes on Unverified Records," by Egbert H. Walker and Robert Rodin. Pages i–vi+449–468, plates 8–9. 25 August 1949.

Part 4. "Studies of Pacific Island Plants, X: The Meliaceae of Fiji, Samoa, and Tonga," by A. C. Smith. Pages i–iii+469–522. 6 May 1952.

Part 5. "Studies of Pacific Island Plants, XV: The Genus *Elaeocarpus* in the New Hebrides, Fiji, Samoa, and Tonga," by A. C. Smith. Pages i–v+523–575. 8 May 1953.

Volume 31

The Acanthaceae of Colombia. Title page and table of contents. Pages i–v+4 February 1958.

Part 1. "The Acanthaceae of Colombia, I," by Emery C. Leonard. Pages i–vi+1–117, figures 1–40. 8 June 1951.

Part 2. "The Acanthaceae of Colombia, II," by Emery C. Leonard. Pages i–viii+119–322, figures 41–118. 10 November 1953.

Part 3. "The Acanthaceae of Colombia, III," by Emery C. Leonard. Pages x+323–781, figures 119–274. 4 February 1958.

Volume 32

Leguminosae. Title page and table of contents. Pages i–iv. 2 October 1970.

Part 1. "The American Species of Aeschynomene," by Velva E. Rudd. iii+172 pages, 10 figures. 13 October 1955.

Part 2. "A Revision of the Genus *Nissolia*," by Velva E. Rudd. Pages iii+173–206, 3 figures. 7 November 1956.

Part 3. "A Revision of the Genus *Chaetocalyx*," by Velva E. Rudd. Pages iii+207–245, 13 figures. 6 February 1958.

Part 4. "The Genus *Dussia* (Leguminosae)," by Velva E. Rudd. Pages iii+247–277, 11 figures. 4 November 1963.

Part 5. "The American Species of *Ormosia* (Leguminosae)," by Velva E. Rudd. Pages 279–384, 6 plates, 15 figures. 17 September 1965.

Part 6. "A Résumé of *Ateleia* and *Cyathostegia* (Leguminosae)," by Velva E. Rudd. Pages iii+385–411, 9 plates, 1 figure. 10 April 1968.

Volume 33

[Whole volume.] *The Bromeliaceae of Colombia*, by Lyman B. Smith. Pages i–v+311, 88 figures. 24 December 1957.

Volume 34

Systematic Plant Studies. Title page and table of contents. Pages i–iv. 2 October 1970.

Part 1. "Diagnostic Characteristics of the Fruits and Florets of Economic Species of North American *Sporobolus*," by Vera Lyola Colbry. Pages iii+24, 2 figures, 4 plates. 17 December 1957.

Part 2. "The Woods and Flora of the Florida Keys: Capparaceae," by William L. Stern, George K. Brizicky, and Francisco N. Tamolang. Pages 25–43, 7 plates. 4 November 1963.

Part 3. "Systematic Anatomy and Ontogeny of the Stem in Passifloraceae," by Edward S. Ayensu and William L. Stern. Pages 45–74, 12 plates. 21 August 1964.

Part 4. "Taxonomic Study of Subgenus *Podosemum* and Section *Epicampes* of *Muhlenbergia* (Gramineae)," by Thomas R. Soderstrom. Pages 75–189, 14 plates, 9 figures. 19 July 1967.

Part 5. "The Genus *Melochia* L. (Sterculiaceae)," by Aaron Goldberg. Pages 191–363, 9 plates, 7 figures. 31 August 1967.

Part 6. "Mexican 'Cacalioid' Genera Allied to *Senecio* (Compositae)," by Richard W. Pippin. Pages 365–447, 10 plates, 4 figures. 17 May 1968.

Part 7. "The Lichen Genera *Cetrelia* and *Platismatia* (Parmeliaceae)," by William Louis Culberson and Chicita F. Culberson. Pages i–iv+449–558, 25 plates, 31 figures. 10 July 1968.

Volume 35

Systematic Plant Studies. Title page and table of contents. Pages i–iv. 2 October 1970.

Part 1. "Supplemental Notes on the American Species of Passifloraceae with Descriptions of New Species," by Ellsworth P. Killip. ii+23 pages, 11 plates. 10 May 1960.

Part 2. "A Taxonomic Revision of the Humiriaceae," by José Cuatrecasas. Pages iii+25–214, 38 figures, 24 plates. 14 April 1961.

Part 3. "Origins of the Flora of Southern Brazil," by Lyman B. Smith. Pages viii+215–249, 42 figures, 4 plates. 19 March 1962.

Part 4. "A Synopsis of the American Velloziaceae," by Lyman B. Smith. Pages 251–292, 12 plates. 19 March 1962.

Part 5. "Synopsis of the South American Species of *Vismia* (Guttiferae)," by Joseph Ewan. Pages 293–377, 7 plates. 5 June 1962.

Part 6. "Cacao and Its Allies, a Taxonomic Revision of the Genus *Theobroma*," by José Cuatrecasas. Pages 379–614, 12 plates, 44 figures. 21 August 1964.

Volume 36

Lichens/Algae. Title page and table of contents. Pages i–iv. 2 October 1970.

Part 1. "A Revision of the South American Species of *Parmelia* Determined by Lynge," by Mason E. Hale, Jr. 41 pages, 5 plates. 18 May 1960.

Part 2. "Marine Algae from the Tropical Atlantic Ocean, V: Algae from the Lesser Antilles," by William Randolph Taylor. Pages 43–62, 4 plates. 31 January 1962.

Part 3. "The Lichen Family Graphidaceae in Mexico," by Michael Wirth and Mason E. Hale, Jr. Pages 63–119, 82 figures. 6 December 1963.

Part 4. "Studies on *Parmelia* subgenus *Parmelia*," by Mason E. Hale, Jr., and Syo Kurokawa. Pages 121–192, 9 plates, 1 figure. 26 August 1964.

Part 5. "A Monograph of *Parmelia* Subgenus *Amphigymnia*" by Mason E. Hale, Jr. Pages 193–358, 16 plates, 29 figures. 8 April 1965.

Volume 37

Systematic Plant Studies. Title page and table of contents. Pages i–iv. 24 April 1969.

Part 1. "Studies of Pacific Island Plants, XVII: The Genus *Geniostoma* (Loganiaceae) in the New Hebrides, Fiji, Samoa, and Tonga," by Albert C. Smith and Benjamin C. Stone. Pages 1–41, 3 plates. 5 January 1962.

Part 2. "Mosses of the Eastern Highlands, New Guinea, from the 6th Archbold Expedition, 1959," by Edwin B. Bartram. Pages 43–67. 21 September 1965.

Part 3. "Studies of Pacific Island Plants, XVIII: New and Noteworthy Flowering Plants from Fiji," by Albert C. Smith. Pages 69–106. 4 May 1967.

Part 4. "The Genus *Cyrtandra* in Fiji," by George W. Gillett. Pages 107–159. 6 February 1968.

Part 5. "A Revision of the Genus *Camissonia* (Onagraceae)," by Peter H. Raven. Pages 161–396, 81 figures, frontispiece. 5 February 1969.

Part 6. "Bredin-Archbold-Smithsonian Biological Survey of Dominica: *Myxomycetes* from Dominica," by Marie L. Farr. Pages 397–440, 5 figures. 31 January 1969.

Volume 38

[FINAL VOLUME OF SERIES]

Ferns. Title page and table of contents. Pages i-iv.

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Part 2. "Studies of Fern Types, 1," by C. V. Morton. Pages 29–83. 31 August 1967.

Part 3. "The Genus *Grammitis* in Ecuador," by C. V. Morton. Pages 85–123, 4 plates. 17 October 1967.

Part 4. "The Peruvian Species of *Besleria* (Gesneriaceae)," by C. V. Morton. Pages 125–151. 28 March 1968.

Part 5. "The Genera, Subgenera, and Sections of the Hymemophyllaceae," by C. V. Morton. Pages 153–214. 12 June 1968.

Part 6. "Studies of Fern Types, II," by C. V. Morton. [In preparation.]

Part 7. "William Roxburgh, His Life, Collections, and Fern Types," by C. V. Morton. [In preparation.]

Part 8. "The American Species of Gleicheniaceae," by C. V. Morton. [In preparation.]

PROCEEDINGS OF THE UNITED STATES NATIONAL MUSEUM

Volume 96

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3205. "The Phorid Flies of Guam," by G. E. Bohart. Pages 397–416, figures 33–48. 17 February 1947.

3206. "A Generic Revision of the Ichneumon-flies of the Tribe Ophionini," by R. A. Cushman. Pages 417–482, plates 49–56. 17 July 1947.

3207. "Review of the Weevils of the Tribe Ophryastini of America North of Mexico," by Alonzo G. Davis. Pages 483–551, figures 49–77. 8 July 1947.

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3208. "Mammals of Northern Colombia, Preliminary Report No. 1: Squirrels (Sciuridae)," by Philip Hershkovitz. Pages 1–46, 1 figure. 25 August 1947.

3209. "New Cerambycid Beetles Belonging to the Tribe Rhinotragini," by W. S. Fisher. Pages 47–57. 6 June 1947.

3210. "Studies on the Firefly, IV: Ten New Lampyrids from Jamaica," by John B. Buck. Pages 59–79, plates 1–3. 14 August 1947.

3211. "A New Genus and Species of Deep-sea Fish of the Family Myctophidae from the Philippine Islands," by Robert R. Miller. Pages 81–90, figure 2. 18 July 1947.

3212. "A Review of the Larvaevorid Flies of the Tribe Leskiini with the Setulose First Vein (R_1)," by Maurice T. James. Pages 91–115, figure 3. 29 August 1947.

3213. "The Staphylinid Beetles of the Cayman Islands," by Richard E. Blackwelder. Pages 117–123. 31 October 1947.

3214. "Mammals of Northern Colombia, Preliminary Report No. 2: Spiny Rats (Echimyidae), with Supplemental Notes on Related Forms," by Philip Hershkovitz. Pages 125–140. 6 January 1948.

3215. "A Synopsis of the Larvaevorid Flies of the Genus *Eudejeania*," by Curtis W. Sabrosky. Pages 141–156. 20 November 1947.

3216. "The Pycnogonida of the Western North Atlantic and the Caribbean," by Joel W. Hedgpeth. Pages 157–342, figures 4–53, 3 charts. 8 March 1948.

3217. "Notes on Some Assassin Bugs of the Genus *Zelurus* from the Collections of the United States National Museum," by Herman Lent and Petr Wygodzinsky. Pages 343–349, plates 4–7. 4 December 1947.

3218. "New Genera and Species of Echiuroid and Sipunculoid Worms," by Walter Kenrick Fisher. Pages 351–372, plates 8–15, figure 54. 19 December 1947.

3219. "Birds Collected by the National Geographic Society's Expeditions to Northern Brazil and Southern Venezuela," by Herbert Friedmann. Pages 373–570, plates 16–27. 9 April 1948.

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3220. "A Revision of Six Subfamilies of Atherine Fishes, with Descriptions of New Genera and Species," by Leonard P. Schultz. Pages 1–48, plates 1 and 2, figures 1–9. 24 March 1948.

3221. "Mammals of Northern Colombia, Preliminary Report No. 3: Water Rats (Genus *Nectomys*), with Supplemental Notes on Related Forms," by Philip Hershkovitz. Pages 49–56. 30 June 1948.

3222. "A Potential Snail Host of Oriental Schistosomiasis in North America (*Pomatiopsis lapidaria*)," by R. Tucker Abbott. Pages 57–68, plates 3, 4, figures 10, 11. 2 July 1948.

3223. "Status of the Pyraustid Moths of the Genus *Leucinodes* in the New World, with Descriptions of New Genera and Species," by Hahn W. Capps. Pages 69–83, plates 5–10. 24 June 1948.

3224. "The Serphoid Hymenoptera of the Family Roproniidae," by Henry Townes. Pages 85–89, figure 12. 8 July 1948.

3225. "Parasitic Wasps of the Genus *Trimorus* in North America," by Robert M. Fouts. Pages 91–148, figures 13–15. 19 August 1948.

3226. "New Pemphilidine Wasps from Southern Nigeria," by V. S. L. Pate. Pages 149–162, figure 16. 19 October 1948.

3227. "The Butterflies of the Admiralty Islands," by Warren Herbert Wagner, Jr., and David F. Grether. Pages 163–186, plates 11–13. 7 December 1948.

3228. "Flies of the Family Stratiomyidae of the Solomon Islands," by Maurice T. James. Pages 187–213. 9 November 1948.

3229. "Cyprinodont Fishes of the Genus *Fundulus* in the West Indies, with Description of a New Subspecies from Cuba," by Luis René Rivas. Pages 215–222, plate 14. 19 October 1948.

3230. "A New Crayfish of the Genus *Cambarus* from Texas, with Notes on Distribution of *Cambarus fodiens* (Cottle)," by Horton H. Hobbs, Jr. Pages 223–231, figure 17. 16 November 1948.

3231. "Report on the Pycnogonida Collected by the *Albatross* in Japanese Waters in 1900 and 1906," by Joel W. Hedgpeth. Pages 233–321, figures 18–51. 14 March 1949.

3232. "Mammals of Northern Colombia, Preliminary Report No. 4: Monkeys (Primates), with Taxonomic Revisions of Some Forms," by Philip Hershkovitz. Pages 323–427, plates 15–17, figures 52–59. 10 May 1949.

3233. "Bees from Central America, Principally Honduras," by T. D. A. Cockerell. Pages 429–490. 25 May 1949.

3234. "A Generic Revision of the Treehoppers of the Tribe Ceresini in America North of Mexico, Based on a Study of the Male Genitalia," by John S. Caldwell. Pages 491–521, plates 18–23. 10 May 1949.

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3235. "A Further Contribution to the Ichthyology of Venezuela," by Leonard P. Schultz. Pages 1–211, plates 1–3, figures 1–20. 10 May 1949.

3236. "The Weevils of the Genus *Tachygonus* in the United States National Museum, with Descriptions of New Species," by Oscar Monte. Pages 213–227, figures 21–32. 25 May 1949.

3237. "The Species of Ichneumon-flies of the Genus *Cardiochiles* Occurring in America North of Mexico," by Ying-Tou Mao. Pages 229–266, plates 4–5. 21 March 1949.

3238. "A Revision of the Mites of the Family Cheyletidae in the United States National Museum," by Edward W. Baker. Pages 267–320, plates 6–17. 14 April 1949.

3239. "A New Species of Copepod of the Genus *Corycaeus* from the North American Coast," by Mildred Stratton Wilson. Pages 321–326, plate 18. 10 June 1949.

3240. "New Buprestid Beetles from Mexico, Central and South America, and the West Indies," by W. S. Fisher. Pages 327–351. 26 April 1949.

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3242. "The Linwood (Nebraska) Meteorite," by E. P. Henderson and Stuart H. Perry. Pages 357–360, plates 21–24. 27 April 1949.

3243. "The Nearctic Species of the Family Stephanidae (Hymenoptera)," by Henry Townes. Pages 361–370, plate 25. 10 June 1949.

3244. "Nine New Xystodesmid Millipeds from Virginia and West Virginia, with Records of Established Species," by Richard L. Hoffman. Pages 371–389, plates 26–27. 14 June 1949.

3245. "A Review of the Copepod Genus *Paranthessius* Claus," by Paul L. Illg. Pages 391–428, figures 33–37. 10 May 1949.

3246. "Mammals of Northern Colombia, Preliminary Report No. 5: Bats (Chiroptera)," by Philip Hershkovitz. Pages 429–454, figure 38. 10 May 1949.

3247. "New Species and Records of Staphylinid Beetles from Formosa, Japan, and South China," by Malcolm Cameron. Pages 455–477. 14 June 1949.

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3249. "A Remarkable New Species of Trypetid Fly of the Genus *Ceratitis*

(Sensu Stricto) from East Africa in the Collection of the United States National Museum," by H. K. Munro. Pages 499–501, figure 39. 5 July 1949.

3250. "A New Marine Annelid from Florida," by Olga Hartman. Pages 503–508, figure 40. 4 August 1949.

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3252. "Redescription of the Shrimp *Bathypalaemonella pandaloides* (Rathbun), with Remarks on the Family Campylonotidae," by L. B. Holthuis. Pages 517–523, figure 43. 25 August 1949.

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3256. "Some Alaskan Syrphid Flies, with Descriptions of New Species," by C. L. Fluke. Pages 39–54, figures 10–11. 11 October 1949.

3257. "Two New Gynandromorphs, with a List of Previously Recorded Sexual Aberrations in the Scolioid Wasps, by Karl V. Krombein. Pages 55–59, plates 1–2. 16 November 1949.

3258. "Fresh-water Ostracoda from Brazil," by Willis L. Tressler. Pages 61–83, figures 12–14. 8 January 1950.

3259. "The Nearctic Species of Gasteruptiidae (Hymenoptera)," by Henry Townes. Pages 85–145, figures 15–16. 18 April 1950.

3260. "Pycnogonida of the United States Navy Antarctic Expedition, 1947–48," by Joel W. Hedgpeth. Pages 147–160, figures 17–19. 23 January 1950.

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3262. "Mosquitoes of the Genus *Tripteroides* in the Solomon Islands," by John N. Belkin. Pages 201–274, figures 31–37. 30 March 1950.

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3265. "Mammals of Northern Colombia, Preliminary Report No. 6: Rabbits (Leporidae), with Notes on the Classification and Distribution of the South

American Forms," by Philip Hershkovitz. Pages 327–375, figures 42–43. 26 May 1950.

3266. "Some Bird Lice of the Genera *Acidoproctus* and *Quadroceps* (Neotropical Mallophaga Miscellany No. 3)," by M. A. Carriker, Jr. Pages 377–386, figures 44–45. 26 January 1950.

3267. "A Review of the American Clupeid Fishes of the Genus *Dorosoma*," by Robert Rush Miller. Pages 387–410. 7 March 1950.

3268 "A Contribution to the Ornithology of Northeastern Venezuela," by Herbert Friedmann and Foster D. Smith, Jr. Pages 411–538, plates 10–12, figures 46–50. 10 March 1950.

3269. "Some New Gastropods of the Family Clausiliidae from the Philippine Islands and Siam," by F. J. Loosjes. Pages 539–545, figures 51–53. 13 November 1950.

3270. "Three New Species of Fishes of the Genus *Cirrhitus* (Family Cirrhitidae) from the Indo-Pacific," by Leonard P. Schultz. Pages 547–552, plate 13. 25 July 1950.

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3271. "A Revision of the Beetles of the Genus *Myochrous*," by Doris Holmes Blake. Pages 1–64, plates 1–8. 27 December 1950.

3272. "The Oceanic Crabs of the Genera *Planes* and *Pachygrapsus*," by Fenner A. Chace, Jr. Pages 65–103, figures 1–8. 30 January 1951.

3273. "New Marine Isopods, Chiefly from Northern California, with Notes on Related Forms," by Robert J. Menzies. Pages 105–156, figures 9–33. 13 February 1951.

3274. "The Helminth Parasites of Birds, III: Dicrocoeliid Trematodes from North American Birds," by J. Fred Denton and Elon E. Byrd. Pages 157–202, figures 34–40. 6 March 1951.

3275. "The Mites of the Subfamily Haemogamasinae (Acari: Laelaptidae)," by Hugh L. Keegan. Pages 203–268, figures 41–55. 2 February 1951.

3276. "A New Caribbean Coral of the Genus *Chrysogorgia*," by Fredrick M. Bayer. Pages 269–273, figures 56–57, plate 9. 13 February 1951.

3277. "Revision of the North American Grasshoppers of the *Conalcaea* Complex," by Ashley B. Gurney. Pages 275–304, figures 58–65, plates 10, 11. 2 February 1951.

3278. "Fleas from the Upper Sonoran Zone near Albuquerque, N. Mex.," by Lelia Ann Williams and C. Clayton Hoff. Pages 305–313, figure 66. 22 January 1951.

3279. "Some Digenetic Trematodes, Including Eight New Species, from Marine Fishes of La Jolla, Calif.," by Harold W. Manter and Harley J. Van Cleve. Pages 315–340, plates 12–13. 28 March 1951.

3280. "Parasitic Crustacea from Bimini, Bahamas," by A. S. Pearse. Pages 341–372, figures 67–77. 2 February 1951.

3281. "New and Little-known Bees of the Family Andrenidae from California," by P. H. Timberlake. Pages 373–414. 23 April 1951.

3282. "The Actinian Fauna of the Gulf of California," by Oskar Carlgren. Pages 415–449, figures 78–84, plate 14. 17 May 1951.

3283. "Notes on Chrysomelid Beetles of the Subfamily Chlamisinae with Descriptions of New Species," by F. Monrós. Pages 451–463, figures 85–90. 5 June 1951.

3284. "Notes on a Herpetological Collection from Oaxaca and Other Localities in Mexico," by Frederick A. Shannon. Pages 465–484, figures 91–93. 17 May 1951.

3285. "*Chaetodon tinkeri*, a New Species of Butterflyfish (Chaetodontidae) from the Hawaiian Islands," by Leonard P. Schultz. Pages 485–488, figure 94, plate 13. 15 June 1951.

3286. "Moths of the Genus *Paramulona* Hampson," by William D. Field. Pages 489–496, figures 95–96. 17 May 1951.

3287. "New Finds of Pleistocene Jaguar Skeletons," by Edward McGrady, H. T. Kirby-Smith, and Harvey Templeton. Pages 497–511, plate 16, figures 97–102. 16 October 1951.

3288. "An Annotated Checklist of the Mosquitoes of the Subgenus *Finlaya* (Genus *Aedes*)," by Kenneth L. Knight and Elizabeth N. Marks. Pages 513–574. 12 February 1952.

3289. "A New Subspecies of Marine Isopod from Texas," by Robert J. Menzies. Pages 575–579, figures 103–104. 3 August 1951.

3290. "Studies of Certain Apogonid Fishes from the Indo-Pacific with Descriptions of Three New Species," by Ernest A. Lachner. Pages 581–610, plates 17–19. 18 December 1951.

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3291. "Contributions to the Morphology and the Taxonomy of the Branchiopoda Notostraca, with Special Reference to the North American Species," by Folke Linder. Pages 1–69, plates 1–7, figures 1–31. 27 June 1952.

3292. "A Study of an Intermediate Snail Host (*Thiara granifera*) of the Oriental Lung Fluke (*Paragonimus*)," by R. Tucker Abbott. Pages 71–116, plates 8 and 9, figures 32–45. 26 February 1952.

3293. "Some Marine Asellote Isopods from Northern California, with Descriptions of Nine New Species," by Robert J. Menzies. Pages 117–159, figures 46–71. 29 May 1952.

3294. "Australasian Stilt-legged Flies (Diptera: Tylidae) in the United States National Museum," by George C. Steyskal. Pages 161–180, figures 72–74. 26 February 1952.

3295. "*Aphotaenius*, a New Genus of Dung Beetle (Coleoptera:Scarabaeidae)," by O. L. Cartwright. Pages 181–184. 7 March 1952.

3296. "Preliminary Analysis of the Vertebrate Fossil Fauna of the Boysen Reservoir Area," by Theodore E. White. Pages 185–207, figures 75–80. 2 April 1952.

3297. "A New Crayfish from Alabama, with Notes on *Procambarus lecontei* (Hagen)," by Horton H. Hobbs, Jr. Pages 209–219, figures 81, 82. 27 March 1952.

3298. "Moths of the Genera *Mulona* Walker and *Lomuna*, a New and Closely Related Genus (Arctiidae:Lithosiinae)," by William D. Field. Pages 221–230, plates 10–11. 19 March 1952.

3299. "A New Species of Commensal Amphipod from a Spiny Lobster," by Clarence R. Shoemaker. Pages 231–233, figure 83. 27 March 1952.

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3301. "An Emended Diagnosis of the Copepod Genus *Pupulina* (Caligoida), with Descriptions of New Species and a Redescription of the Genotype," by Mildred Stratton Wilson. Pages 245–263, plates 12–15. 19 March 1952.

3302. "Echinoderms from the Marshall Islands," by Austin H. Clark. Pages 265–303. 27 March 1952.

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3309. "A Review of the Stink Bugs of the Genus *Mecidea*," by R. I. Sailer. Pages 471–505, plates 47–48, figures 88–89. 27 June 1952.

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3311. "Two New Naucorid Bugs of the Genus *Ambrysus*," by Ira La Rivers. Pages 1–7, figure 1. 12 February 1953.

3312. "Two New Scale-mite Parasites of Lizards," by R. F. Lawrence. Pages 9–18, figures 2–7. 10 March 1953.

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3314. "*Photuris bethaniensis*, a New Lampyrid Firefly," by Frank A. McDermott. Pages 35–37. 26 February 1953.

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3319. "The Chrysomelid Beetles of the Genus *Strabala* Chevrolat," by Doris Holmes Blake. Pages 121–134, figure 17. 5 June 1953.

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3331. "Studies in Neotropical Mallophaga, XI: Bird Lice of the Suborder Amblycera, Genus *Dennyus* Neumann," by M. A. Carriker, Jr. Pages 533–549, figures 63, 64. 21 May 1954.

3332. "Nearctic Flies of the Family Periscelidae (Diptera) and Certain Anthomyzidae Referred to the Family," by A. H. Sturtevant. Pages 551–562. 16 June 1954.

3333. "North American Triclad Turbellaria, XIII: Three New Cave Planarians," by Libbie Hyman. Pages 563–573, figures 65–68. 14 June 1954.

3334. "A Supplement to W. M. Tattersall's 'Review of the Mysidacea of the United States National Museum,'" by Albert H. Banner. Pages 575–583. 8 July 1954.

3335. "On the Anatomy and Relationships of Glossy Cuckoos of the Genera *Chrysococcyx, Lampromorpha,* and *Chalcites*," by Andrew H. Berger. Pages 585–597, figures 69–71. 19 January 1955.

3336. "Supplement and Corrections to J. A. Hyslop's 'Genotypes of the Elaterid Beetles of the World,'" by Ross H. Arnett, Jr. Pages 599–619. 14 April 1955.

3337. "Neotropical Miridae, LXIV: New Bugs of the Subfamily Cylapinae (Hemiptera)," by José C. M. Carvalho. Pages 621–632, figures 72–76, plate 15. 2 March 1955.

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3338. "Revision of the Vittate Species of the Chrysomelid Beetle Genus *Disonycha* from the Americas South of the United States," by Doris Holmes Blake. Pages 1–86, figures 1–75. 4 April 1955.

3339. "A Revision of the Nearctic Species of the Beetle Genus *Meligethes* (Nitidulidae)," by Alan M. Easton. Pages 87–103, figures 76–78. 25 February 1955.

3340. "Four New Venezuelan Reduviid Bugs," by Maldonado Capriles. Pages 105–113, figures 79–80. 28 March 1955.

3341. "Some Polyclad Flatworms from the West Indies and Florida," by Libbie H. Hyman. Pages 115–150, figures 81–89. 2 May 1955.

3342. "Biology and Taxonomy of North American Beetles of the Subfamily Geotrupinae, with Revisions of the Genera *Bolbocerosoma, Eucanthus, Geotrupes,* and *Peltotrupes* (Scarabaeidae)," by Henry F. Howden. Pages 151–319, plates 1–18. 28 November 1955.

3343. "Fruit Flies of the Genus *Tomoplagia* Coquillett (Diptera, Terphritidae)," by Martin L. Aczél. Pages 321–411, figures 90–102, plates 19–26. 28 September 1955.

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3360. "The Spongilla-flies, with Special Reference to Those of the Western Hemisphere (Sisyridae, Neuroptera)," by Sophy I. Parfin and Ashley B. Gurney. Pages 421–529, 24 figures, 3 plates. 16 May 1956.

3361. "Marine Polychaete Worms from Labrador," by Marian H. Pettibone. Pages 531–584, 1 figure. 29 March 1956.

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3362. "Revision of the Milliped Genus *Dixioria* (Polydesmida: Xystodesmidae)," by Richard L. Hoffman. Pages 1–19, 4 figures. 29 March 1956.

3363. "A Revision of the Flies of the Genus *Rivellia* (Otitidae, Diptera) of America North of Mexico," by Ryoji Namba. Pages 21–84, 10 figures. 5 June 1956.

3364. "Chiggers of the Genus *Euschöngastia* (Acarina: Trombiculidae) in North America," by Charles E. Farrell. Pages 85–235, 8 figures, 21 plates. 19 October 1956.

3365. "A New Pinecone Fish, *Monocentris reedi*, from Chile, a New Family Record for the Eastern Pacific," by Leonard P. Schultz. Pages 237–239, 1 plate. 24 July 1956.

3366. "Some Crickets from South America (Grylloidea and Tridactyloidea)," by Lucien Chopard. Pages 241–293, 6 figures. 20 September 1956.

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3370. "A New Species of *Candacia* (Copepoda: Calanoida) from the Western North Atlantic Ocean," by Abraham Fleminger and Thomas E. Bowman. Pages 331–337, 2 figures. 15 October 1956.

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3372. "Observations on the Amphipod Genus *Parhyale*," by Clarence R. Shoemaker. Pages 345–358, 4 figures. 15 October 1956.

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3376. "A New Genus and Species of Marine Asellote Isopod, *Caecianiropsis psammophila*, from California," by Robert J. Menzies and Jean Pettit. Pages 441–446, 3 figures. 2 November 1956.

3377. "Mammals of the Anglo-Egyptian Sudan," by Henry W. Setzer. Pages 447–587, 10 figures. 28 November 1956.

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3379. "*Rhynobrissus cuneus*, a New Echinoid from North Carolina," by C. Wythe Cooke. Pages 9–12, 1 plate. 18 June 1957.

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3386. "The Leafhopper Tribe Alebrini (Homoptera, Cicadellidae)," by David A. Young, Jr. Pages 127–277, 39 figures. 4 December 1957.

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3387. "Two Additional Miocene Porpoises from the Calvert Cliffs, Maryland," by Remington Kellogg. Pages 279–337, 30 plates. 9 December 1957.

3388. "Studies of Seven Siderites," by Edward P. Henderson and Stuart H. Perry. Pages 339–403, 6 figures, 22 plates. 31 January 1958.

3389. "New Neotropical Wasps of the Family Braconidae (Hymenoptera) in the U.S. National Museum," by C. F. W. Muesebeck. Pages 405–461, 4 figures. 27 January 1958.

3390. "North American Copepods of the Family Notodelphyidae," by Paul L. Illg. Pages 463–649, 19 figures. 28 April 1958.

3391. "*Pycnaspis splendens*, New Genus, New Species, a New Ostracoderm from the Upper Ordovician of North America," by Tor Ørvig. Pages 1–23, 5 figures, 3 plates. 10 April 1958.

3392. "*Branchinecta cornigera*, a New Species of Anostracan Phyllopod from the State of Washington," by James E. Lynch. Pages 25–37, 16 figures. 15 April 1958.

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3396. "A Redefinition of the Butterfly Genera *Tatochila, Phulia, Piercolias,* and *Baltia*, with Descriptions of Related Genera and Subgenera," by William D. Field. Pages 103–131, 40 figures. 9 June 1958.

3397. "The Systematic Position of the Bird Genus *Apalopteron*," by H. G. Deignan. Pages 133–136, 1 plate. 16 June 1958.

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3399. "Revision of the Milliped Genus *Pachydesmus* (Polydesmida: Xystodesmidae)," by Richard L. Hoffman. Pages 181–218, 12 figures. 20 August 1958.

3400. "A Revision of the Eels of the Genus *Conger* with Descriptions of Four New Species," by Robert H. Kanazawa. Pages 219–267, 7 figures, 4 plates. 6 October 1958.

3401. "Three North American Cretaceous Fishes," by David H. Dunkle. Pages 269–277, 3 plates. 21 October 1958.

3402. "Taxonomy and Nomenclature of Three Species of *Lonchura* (Aves: Estrildinae)," by Kenneth C. Parkes. Pages 279–293, 1 figure. 21 October 1958.

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3406. "The Status of the Lizard *Cnemidophorus perplexus* Baird and Girard (Teiidae)," by T. Paul Maslin, Richard G. Beidleman, and Charles H. Lowe, Jr. Pages 331–345. 31 December 1958.

3407. "Synopsis of the Species of Agromyzid Leaf Miners Described from

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3408. "A Revision of the Butterfly Genera *Theochila* and *Tatochila* (Lepidoptera: Pieridae)," by Jośe Herrera and William D. Field. Pages 467–514, 93 figures. 24 July 1959.

3409. "Scarab Beetles of the Genus *Bothynus* in the United States (Coleoptera: Scarabaeidae)," by O. L. Cartwright. Pages 515–541, 6 figures. 10 May 1959.

3410. "A Further Study of Micronesian Polyclad Flatworms," by Libby H. Hyman. Pages 543–597, 17 figures. 6 March 1959.

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3411. "A Revision of the Milliped Genus *Brachoria* (Polydesmida: Xystodesmidae)," by William T. Keeton. Pages 1–58, 11 figures. 14 April 1959.

3412. "Marine Mollusca of Point Barrow, Alaska," by Nettie MacGinitie. Pages 59–208, 27 plates. 18 September 1959.

3413. "Notes on Aradidae in the U.S. National Museum (Hemiptera), 1: Subfamily Calisiinae," by Nicholas A. Kormilev. Pages 209–222, 18 figures. 20 April 1959.

3414. "Flies of the Genus *Odinia* in the Western Hemisphere (Diptera: Odiniidae)," by Curtis W. Sabrosky. Pages 223–236, 1 plate. 29 May 1959.

3415. "Biting Midges of the Genus *Culicoides* from Panama (Diptera: Heleidae)," by Willis W. Wirth and Franklin S. Blanton. Pages 237–482, 91 figures. 29 July 1959.

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3416. "Grasshoppers of the Mexicanus Group, Genus *Melanoplus* (Orthoptera: Acrididae)," by Ashley B. Gurney and A. R. Brooks. Pages 1–93, 5 plates, 18 figures. 9 July 1959.

3417. "A Revision of American Bats of the Genera *Euderma* and *Plecotus*," by Charles O. Handley, Jr. Pages 95–246, 27 figures. 3 September 1959.

3418. "A Revision of the Apion Subgenus *Trichapion* Wagner in the New World (Coleoptera: Curculionidae)," by David G. Kissinger. Pages 247–389, 19 figures. 23 October 1959.

3419. "A Description and Classification of the Final Instar Larvae of the Ichneumonidae (Insecta, Hymenoptera)," by J. R. T. Short. Pages 391–511, 64 figures. 23 October 1959.

3420. "Mammals of Northern Colombia, Preliminary Report No. 8: Arboreal Rice Rats, a Systematic Revision of the Subgenus *Oecomys*, Genus *Oryzomys*," by Philip Hershkovitz. Pages 513–568, 12 plates, 6 figures. 24 February 1960.

3421. "The Rodent-infesting Anoplura (Sucking Lice) of Thailand, with Remarks on Some Related Species," by Phyllis T. Johnson. Pages 569–598, 75 figures. 10 September 1959.

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3422. "A New American Genus of Cryptopid Centipedes, with an Annotated Key to the Scolopendromorph Genera from America North of Mexico," by Ralph E. Crabill, Jr. Pages 1–15, 16 figures. 27 January 1960.

3423. "A Fourth Contribution to the Knowledge of Neotropical Platyrhacid Millipeds (Diplopoda: Polydesmida)," by Richard L. Hoffman. Pages 17–31, 1 figure. 2 February 1960.

3424. "Millipeds from Dominica, British West Indies," by Richard L. Hoffman. Pages 33–41, 2 figures. 22 January 1960.

3425. "Notes on Larvae of Nine Genera of Aphodiinae in the United States (Coleoptera: Scarabaeidae)," by Manohar Lal Jerath. Pages 43–94, 89 figures. 2 February 1960.

3426. "A Synopsis of the Atopetholidae, a Family of Spiroboloid Millipeds," by Richard L. Hoffman and Barbara S. Orcutt. Pages 95–165, 12 figures. 14 March 1960.

3427. "Centipedes of the Smithsonian–Bredin Expeditions to the West Indies," by Ralph E. Crabill, Jr. Pages 167–195, 24 figures. 8 April 1960.

3428. "Meloid Beetles (Coleoptera) of the West Indies," by Richard B. Selander and John K. Bouseman. Pages 197–226, 12 figures. 14 March 1960.

3429. "A Revision of the Genus *Ogcodes* Latreille with Particular Reference to Species of the Western Hemisphere," by Evert I. Schlinger. Pages 227–336, 9 figures, 13 plates. 9 September 1960.

3430. "Cydnidae of the Western Hemisphere," by Richard C. Froeschner. Pages 337–680, 13 plates. 25 October 1960.

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3431. "Lace-bug Genera of the World (Hemiptera: Tingidae)," by Carl J. Drake and Florence A. Ruhoff. Pages 1–105, 5 figures, 9 plates. 7 July 1960.

3432. "Flies of the Family Conopidae from Eastern Asia," by Sidney Camras. Pages 107–131. 24 June 1960.

3433. "Fireflies of the Genus *Pyractonema* (Coleoptera: Lampyridae)," by Frank A. McDermott. Pages 133–157, 9 figures. 24 June 1960.

3434. "North and South American Copepods of the Genus *Hemicyclops* (Cyclopoida: Clausidiidae)," by Richard U. Gooding. Pages 159–195, 10 figures. 17 June 1960.

3435. "Chironomid Midges of California, I: Chironominae, Exclusive of Tantarsini (=Calopsectrini)," by James E. Sublette. Pages 197–226, 2 figures. 28 June 1960.

3436. "Revision of the Milliped Genus *Cherokia* (Polydesmida: Xystodesmidae)," by Richard L. Hoffman. Pages 227–264, 7 figures, 1 plate. 12 October 1960.

3437. "Reexamination of Species of Protura Described by H. E. Ewing," by F. Bonet and S. L. Tuxen. Pages 265–305, 103 figures. 13 October 1960.

3438. "Studies in Neotropical Mallophaga, XVII: A New Family (Trochilophagidae) and a New Genus of the Lice of Hummingbirds," by M. A. Carriker, Jr. Pages 307–342, 12 figures. 13 October 1960.

3439. "The Pelagic Amphipod Genus *Parathemisto* (Hyperiidea: Hyperiidae) in the North Pacific and Adjacent Arctic Ocean," by Thomas E. Bowman. Pages 343–392, 19 figures. 13 October 1960.

3440. "Assassin Bugs of the Genus *Ghilianella* in the Americas (Hemiptera, Reduviidae, Emesinae)," by J. Maldonado-Capriles. Pages 393–450, 146 figures. 9 September 1960.

3441. "Welcome Mound and the Effigy Pipes of the Adena People," by Frank M. Setzler. Pages 451–458, 1 figure, 4 plates. 9 September 1960.

3442. "Descriptions of New Bats from Panama," by Charles O. Hanley, Jr. Pages 459–479. 6 October 1960.

3443. "Cultural Sequences in Hokkaido, Japan," by Lt. Col. Howard A. MacCord. Pages 481–503, 5 figures, 14 plates, 5 December 1960.

3444. "Noctuid Moths of the Scopulepes Group of *Hemeroplanis* Hübner," by E. L. Todd. Pages 505–515, 6 figures, 1 plate. 13 September 1960.

3445. "*Lithoglyptes spinatus*, a Burrowing Barnacle from Jamaica," by Jack T. Tomlinson and William A. Newman. Pages 517–526, 10 figures. 20 December 1960.

3446. "Notes on Mysidacean Crustaceans of the Genus *Lophogaster* in the U.S. National Museum," by O. S. Tattersall. Pages 527–547, 7 figures. 20 December 1960.

3447. "The Fairy Shrimp *Brachinecta campestris* from Northwestern United States (Crustacea: Phyllopoda)," by James E. Lynch. Pages 549–561, 5 figures. 5 December 1960.

3448. "Stargazer Fishes from the Western North Atlantic (Family Uranoscopidae)," by Frederick H. Berry and William W. Anderson. Pages 563–586, 1 figure, 4 plates. 12 April 1961.

3449. "Revision of the Marine Silver Hatchetfishes (Family Sternoptychidae)," by Leonard P. Schultz. Pages 587–649, 26 figures. 7 September 1961.

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3450. "*Paraconger*, a New Genus with Three New Species of Eels (Family

Congridae)," by Robert H. Kanazawa. Pages 1–14, 3 figures, 2 plates. 26 January 1961.

3451. "Revision of the Milliped Genus *Deltotaria* (Polydesmida: Xystodesmidae)," by Richard L. Hoffman. Pages 15–35, 4 figures. 17 March 1961.

3452. "Four New Species of *Pseudocyclops* (Copepoda: Calanoida), from Puerto Rico," by Thomas E. Bowman and Juan G. González. Pages 37–59, 11 figures. 10 March 1961.

3453. "Notes on Australian Flies of the Family Conopidae," by Sidney Camras. Pages 61–76. 1 August 1961.

3454 "New and Previously Known Millipeds of Panama," by H. F. Loomis. Pages 77–123, 8 figures. 16 August 1961.

3455. "New Genera and New Species of Lacebugs from the Eastern Hemisphere (Hemiptera: Tingidae)," by Carl J. Drake and Florence A. Ruhoff. Pages 125–183, 24 figures. 1 August 1961.

3456. "The Weevil Genus *Smicronyx* in America North of Mexico (Coleoptera: Curculionidae)," by Donald M. Anderson. Pages 185–372, 157 figures, 1 plate. 31 May 1962.

3457. "Neotropical Microlepidoptera, I and II," by J. F. Gates Clarke. Pages 373–388, 9 figures. 30 April 1962.

3458. "Two New Species of *Parastenocaris* (Copepoda: Harpacticoidea) from Santa Catarina, Brazil," by Hans Jakobi and Jayme de Loyola e Silva. Pages 389–397, 2 figures. 5 June 1962.

3459. "Plectrotaxy as a Systematic Criterion in Lithobiomorphic Centipedes (Chilopoda: Lithobiomorpha)," by Ralph E. Crabill, Jr. Pages 399–412, 1 figure. 12 July 1962.

3460. "Water-striders of the Subgenus *Stridulivelia* from Mexico, Central America, and the West Indies (Hemiptera: Veliidae)," by Carl J. Drake and Arnold S. Menke. Pages 413–419, 3 plates. 19 June 1962.

3461. "Synopsis of the Neotropical Cockroach Genus *Macrophyllodromia* (Orthoptera: Blattoidea, Epilampridae)," by Isolda Rocha e Silva Albuquerque. Pages 421–428, 14 figures. 29 August 1962.

3462. "New and Little-known Species of South and Central American Land Snails (Bulimulidae)," by Juan José Parodiz. Pages 429–456, 2 plates. 4 June 1962.

3463. "*Gorgonolaureus*, a New Genus of Ascothoracid Barnacle Endoparasitic in Octocorallia," by Huzio Utinomi. Pages 457–464, 9 figures. 19 June 1962.

3464. "Larvae of the Caddis-fly Genus *Rhyacophila* in Eastern North America (Trichoptera: Rhyacophilidae)," by Oliver S. Flint, Jr. Pages 465–493, 11 figures. 31 May 1962.

3465. "The Heleomyzid Flies of American North of Mexico (Diptera: Heleomyzidae)," by Gordon D. Gill. Pages 495–603, 96 figures. 30 August 1962.

3466. "The Non-brachyuran Decapod Crustaceans of Clipperton Island," by Fenner A. Chace, Jr. Pages 605–635, 7 figures. 29 August 1962.

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3467. "Scarab Beetles of the Genus *Onthophagus* Latreille North of Mexico (Coleoptera: Scarabaeidae)," by Henry F. Howden and Oscar L. Cartwright. Pages 1–135, 11 figures, 9 plates. 9 January 1963.

3468. "New Species of Spider Wasps, Genus *Auplopus*, from the Americas South of the United States (Hymenoptera: Psammocharidae)," by R. R. Dreisbach. Pages 137–211, 13 plates. 19 March 1963.

3469. "Some North American Moths of the Genus *Acleris* (Lepidoptera: Tortricidae)," by Nicholas S. Obraztsov. Pages 213–270, 7 figures, 18 plates. 7 May 1963.

3470. "A Revision of the North American Annelid Worms of the Genus *Cambarincola* (Oligochaeta: Branchiobdellidae)," by Richard L. Hoffman. Pages 271–371, 79 figures. 6 March 1963.

3471. "Geographic Variation in the Thrush *Hylocichla ustulata*," by Gorman M. Bond. Pages 373–387, 1 figure. 6 March 1963.

3472. "Review of the Hawkfishes (Family Cirrhitidae)," by John E. Randall. Pages 389–451, 16 plates. 28 May 1963.

3473. "Studies of Neotropical Caddisflies, I: Rhyacophilidae and Glossosomatidae (Trichoptera)," by Oliver S. Flint, Jr. Pages 453–478, 8 figures. 16 April 1963.

3474. "Weevils of the Genus *Maemactes*," by David G. Kissinger. Pages 479–486, 1 figure. 19 March 1963.

3475. "Moths of the Family Acrolophidae in America North of Mexico (Microlepidoptera)," by Frank F. Hasbrouck. Pages 487–706, 219 figures. 15 October 1964.

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3476. "Additional Information on the Morphology of an Embryo Whale Shark," by J. A. F. Garrick. Pages 1–7, 4 plates. 28 February 1964.

3477. "Notes on New and Old Species of Alticinae (Coleoptera) from the West Indies," by Doris H. Blake. Pages 9–29, 25 figures. 28 February 1964.

3478. "Asteroidea of the *Blue Dolphin* Expeditions to Labrador," by E. H. Grainger. Pages 31–46, 4 figures. 28 February 1964.

3479. "Moths of the Genus *Rhabdatomis* Dyar (Arctiidae: Lithosiinae)," by William D. Field. Pages 47–60, 6 plates (33 figures). 28 February 1964.

3480. "Neotropical Microlepidoptera, III: Restriction of *Gonionota melobaphes* Walsingham with Descriptions of New Species (Lepidoptera: Oecophoridae)," by J. F. Gates Clarke. Pages 61–83, 3 plates (1 color), 7 figures. 17 March 1964.

3481. Chironomid Midges of California, II: Tanypodinae, Podonominae, and Diamesinae," by James E. Sublette. Pages 85–135, 7 figures. 28 February 1964.

3482. "Caligoid Copepods (Crustacea) of the Hawaiian Islands: Parasitic on Fishes of the Family Acanthuridae," by Alan G. Lewis. Pages 137–244, 24 figures. 28 February 1964.

3483. "Notes on Aradidae in the U.S. National Museum, III: Subfamily Mezirinae (Hemiptera)," by Nicholas A. Kormilev. Pages 245–258, 7 figures. 28 February 1964.

3484. "A Generic Revision of the Leafhopper Subfamily Neocoelidiinae (Homoptera: Cicadellidae)," by James P. Kramer. Pages 259–287, 114 figures. 17 March 1964.

3485. "A Review of the North American Moths of the Family Walshiidae (Lepidoptera: Gelechioidea)," by Ronald W. Hodges. Pages 289–329, 66 figures. 17 March 1964.

3486. "American Species of the Lacebug Genus *Acalypta* (Hemiptera: Tingidae)," by Carl J. Drake and John D. Lattin. Pages 331–345, 15 plates. 31 December 1963.

3487. "The Caligid Copepod Genus *Dentigryps* (Crustacea: Caligoida)," by Alan G. Lewis. Pages 347–380, 13 figures. 17 March 1964.

3488. "A New Brazilian Moth of the Genus *Gonioterma* with Notes on Related Species (Lepidoptera: Stenomidae)," by W. Donald Duckworth. Pages 381–389, 3 figures. 17 March 1964.

3489. "Seven New Amphipods from the West Coast of North America with Notes on Some Unusual Species," by Clarence R. Shoemaker. Pages 391–429, 15 figures. 17 March 1964.

3490. Shrimps of the Genus *Betaeus* on the Pacific Coast of North America with Descriptions of Three New Species," by Josephine F. L. Hart. Pages 431–466, 2 plates, 80 figures. 28 February 1964.

3491. "Notes on Some Nearctic Psychomyiidae with Special Reference to Their Larvae (Trichoptera), by Oliver S. Flint, Jr. Pages 467–481, 5 figures. 28 February 1964.

3492. "The Jambelí Culture of South Coastal Ecuador," by Emilio Estrada, Betty J. Meggers, and Clifford Evans. Pages 483–558, 12 plates, 42 figures. 25 September 1964.

3493. "A Revision of the Carcharhinid Shark Genera *Scoliodon, Loxodon,* and *Rhizoprionodon*," by Victor G. Springer. Pages 559–632, 2 plates, 14 figures. 1 September 1964.

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3494. "A Review of the Ophidioid Fish Genus *Oligopus* with the Description of a New Series from West Africa," by Daniel M. Cohen. Pages 1–22, 5 plates, 13 October 1964.

3495. "North American Stenomidae (Lepidoptera: Gelechioidea)," by W. Donald Duckworth. Pages 23–72, 4 plates, 45 figures. 27 October 1964.

3496. "A Survey of Vertebral Numbers in Sharks," by Victor G. Springer and J. A. F. Garrick. Pages 73–96, 1 plate. 16 October 1964.

3497. "Neotropical Microlepidoptera, IV: A New Genus of Stenomidae with Descriptions of Four New Species (Lepidoptera: Gelechioidea)," by W. Donald Duckworth. Pages 97–114, 5 figures. 11 September 1964.

3498. "One New Species and Two Redescriptions of Catfishes of the South American Callichthyid Genus *Corydoras*," by Stanley H. Weitzman. Pages 115–126, 6 figures. 13 October 1964.

3499. "Osteology and Relationships of South American Characid Fishes of Subfamilies Lebiasininae and Erythrininae with Special Reference to Subtribe Nannostomina," by Stanley H. Weitzman. Pages 127–170, 10 figures. 13 October 1964.

3500. "Three New Species of Frogfishes from the Indian and Pacific Oceans with Notes on Other Species (Family Antennariidae)," by Leonard P. Schultz. Pages 171–182, 3 plates. 1 September 1964.

3501. "Neotropical Microlepidoptera, V: Synopsis of the Species of the Genus *Proeulia* from Central Chile (Lepidoptera: Tortricidae)," by Nicholas S. Obraztsov. Pages 183–196, 9 plates. 29 October 1964.

3502. "Neotropical Microlepidoptera, VI: Genera *Orsotrica* Meyrick and *Palinorsa* Meyrick (Gelechiidae, Oecophoridae)," by J. F. Gates Clarke. 197–204, 1 plate, 4 figures. 23 November 1964.

3503. "Contributions to the Knowledge of the Hemerobiidae of Western North America (Neuroptera)," by Waro Nakahara. Pages 205–222, 1 plate, 4 figures. 26 January 1965.

3504. "A Contribution to the Study of the Genus *Sphaerocera* Latreille in Central and South America (Diptera: Sphaeroceridae)," by O. W. Richards. Pages 223–242, 28 figures. 5 April 1965.

3505. "Herpetology of the Zuni Mountains Region, Northwestern New Mexico," by Frederick R. Gehlbach. Pages 243–332, 4 plates, 10 figures. 26 February 1965.

3506. "Review of the Genus *Cerceris* in America North of Mexico (Hymenoptera: Sphecidae)," by Herman A. Scullen. Pages 333–548, 1 plate, 182 figures. 25 May 1965.

3507. "North American Moths of the Genus *Swammerdamia* (Lepidoptera: Yponomeutidae)," by W. Donald Duckworth. Pages 549–556, 3 figures. 25 May 1965.

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3508. "Microlepidoptera of Juan Fernandez Island," by J. F. Gates Clarke. Pages 1–106, 1 plate, 111 figures. 13 July 1965.

3509. "Neotropical Hemerobiidae in the United States National Museum," by Waro Nakahara. Pages 107–122, 2 plates, 5 figures. 30 July 1965.

3510. "*Hermatobates*, a New Generic Record for the Atlantic Ocean, with Descriptions of New Species (Hemiptera: Gerridae)," by Jon L. Herring. Pages 123–130, 4 figures. 6 July 1965.

3511. "Benthic Polychaetous Annelids from Bering, Chukchi, and Beaufort Seas," by Donald J. Reish. Pages 131–158, 1 table, 3 figures. 25 August 1965.

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3513. "Planktonic Copepods from Bahía Fosforescente, Puerto Rico, and Adjacent Waters," by Juan C. Gonzalez and Thomas E. Bowman. Pages 241–304, 21 figures. 24 August 1965.

3514. "Revision of the Milliped Genera *Boraria* and *Gyalostethus* (Polydesmida: Xystodesmidae)," by Richard L. Hoffman. Pages 305–348, 26 figures. 17 August 1965.

3515. "Revision of Diaperini of America North of Mexico with Notes on Extralimital Species (Coleoptera: Tenebrionidae)," by Charles A. Triplehorn. Pages 349–458, 7 plates, 3 figures. 16 November 1965.

3516. "Marine Amphipoda of Atolls in Micronesia," by J. Laurens Barnard. Pages 459–552, 11 tables, 35 figures. 14 December 1965.

3517. Hedgehogs and Shrews of Turkey," by Dale J. Osborn. Pages 553–566, 4 figures. 3 December 1965.

3518. "Systematic Significance of Breeding Tubercles in Fishes of the Family Percidae," by Bruce B. Collette. Pages 567–614, 3 tables, 7 figures. 7 December 1965.

3519. "Land Snails of the Genus *Amphidromus* from Thailand (Mollusca: Pulmonata: Camaenidae)," by Alan Solem. Pages 615–629, 2 plates. 3 December 1965.

3520. "A Review of the Genus *Haimbrachia* Dyar with Descriptions of New Species (Lepidoptera: Crambidae)," by Hahn W. Capps. Pages 629–653, 6 figures. 13 December 1965.

3521. "Genus *Lexiphanes* of America North of Mexico (Coleoptera: Chrysomelidae)," by Edward U. Balsbaugh, Jr. Pages 655–680, 8 figures. 18 January 1966.

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3522. "Marine Amphipoda of the family Ampithoidae from Southern California," by J. Laurens Barnard. Pages 1–46, 28 figures. 30 December 1965.

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3524. "Copepod Crustaceans Parasitic on Elasmobranch Fishes of the Hawaiian Islands," by Alan G. Lewis. Pages 57–154, 40 figures. 12 April 1966.

3525. "Revision of the Pilargidae (Annelida: Polychaeta), Including Descriptions of New Species, and Redescription of the Pelagic *Podarmus ploa*

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3526. "Descriptions and Records of West Indian Cerambycidae (Coleoptera)," by John A. Chemsak. Pages 209–220. 8 February 1966.

3527. "Neotropical Microlepidoptera, VII: New Genus *Pseudomeritastis* and Its Species (Lepidoptera: Tortricidae)," by Nicholas S. Obraztsov. Pages 221–232, 6 plates, 2 figures. 23 February 1966.

3528. "More New Galerucine Beetles with Excised Middle Tibiae in the Male," by Doris H. Blake. Pages 233–266, 35 figures. 23 February 1966.

3529. "A Review of the Beetles of the Genus *Neobrotica* and Some Closely Related Genera," by Doris H. Blake. Pages 267–372, 16 figures. 14 April 1966.

3530. "Notes on Certain Nearctic Trichoptera in the Museum of Comparative Zoology," by Oliver S. Flint, Jr. Pages 373–390, 4 figures. 23 February 1966.

3531. "Neotropical Microlepidoptera, VIII: A Review of the Genus *Falculina* with Descriptions of New Species (Lepidoptera: Stenomidae)," by W. Donald Duckworth. Pages 391–404, 1 plate, 5 figures. 10 February 1966.

3532. "A Revision of the Genus *Furnaricola* (Mallophaga) with Descriptions of New Species," by M. A. Carriker, Jr. Pages 405–432, 31 figures. 9 March 1966.

3533. "Revision of Chalcid Wasps of Genus *Eurytoma* in America North of Mexico," by Robert E. Bugbee. Pages 433–552, 31 figures, 37 maps. 21 March 1967.

3534. "The Euryhaline Copepod Genus *Eurytemora* in Fresh and Brackish Waters of the Cape Thompson Region, Chukchi Sea, Alaska," by Mildred Stratton Wilson and Jerry C. Tash. Pages 553–576, 3 figures, 2 tables. 30 December 1966.

3535. "Neotropical Microlepidoptera, IX: Revision of Genus *Pseudateria* (Lepidoptera: Tortricidae)," by Nicholas S. Obraztsov. Pages 577–622, 12 figures, 43 plates. 30 December 1966.

3536. "Decapod Crustaceans from St. Helena Island, South Atlantic," by Fenner A. Chace, Jr. Pages 623–661, 15 figures, 2 plates. 30 December 1966.

3537. "Revision of Sharks of Genus *Isurus* with Description of a New Species (Galeoidea, Lamnidae)," by J. A. F. Garrick. Pages 663–690, 9 figures, 4 plates, 2 tables. 15 March 1967.

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3538. "Review of South American Characid Fishes of Subtribe Nanostomina," by Stanley H. Weitzman. 56 pages, 12 figures. 30 December 1966.

3539. "A Revision of the Hammerhead Sharks (Family Sphyrnidae)," by

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3540. "Neotropical Microlepidoptera, X: Systematic Position of Two Taxa Erroneously Placed in Family Stenomidae (Lepidoptera)," by W. Donald Duckworth. 6 pages, 2 figures, 1 plate. 30 December 1966.

3541. "Benthic Amphipoda of Monterey Bay, California," by J. Laurens Barnard. 41 pages, 7 figures, 10 tables. 30 December 1966.

3542. "A New Genus and Six New Species of Entocytherid Ostracods (Ostracoda, Entocytheridae)," by Horton H. Hobbs, Jr., and Margaret Walton. 12 pages, 2 figures, 1 table. 30 December 1966.

3543. "Neotropical Microlepidoptera, XI: Revision of Genus *Idolatteria* (Lepidoptera: Tortricidae)," by Nicholas S. Obraztsov. 12 pages, 3 figures, 8 plates. 30 December 1966.

3544. "Range and Variations of Subspecies of *Cambarus longulus* (Decapoda: Astacidae)," by Hugo A. James. 24 pages, 2 figures, 1 plate, 2 maps. 30 December 1966.

3545. "The Lizards of Ecuador, a Check List and Key," by James A. Peters. 49 pages, 6 figures. 8 March 1967.

3546. "Noctuid Moths of the American Genus *Eusceptis* Hübner," by E. L. Todd. 22 pages, 34 figures, 1 map. 30 December 1966.

3547. "Revision and Nearctic Gelechiidae, I: The *Lita* Group (Lepidoptera: Gelechioidea)," by Ronald W. Hodges. 66 pages, 31 plates. 30 December 1966.

3548. "Notes on Aradidae in the U.S. National Museum, IV (Hemiptera: Heteropters)," by Nicholas A. Kormilev. 25 pages, 23 figures. 30 December 1966.

3549. "The Freeze-dry Preservation of Biological Specimens," by Rolland O. Hower. 24 pages, 9 figures, 4 plates, 6 tables. 15 March 1967.

3550. "Catalog of Type Specimens of the Darters (Pisces, Percidae, Etheostomatini)," by Bruce B. Collette and Leslie W. Knapp. 88 pages, 5 figures. 30 December 1966.

3551. "Review of New World Moths of Genus *Euchromius* Guenée with Descriptions of Two New Species (Lepidoptera: Crambidae)," by Hahn W. Capps. 9 pages, 8 figures, 1 plate. 30 December 1966.

3552. "Preliminary Revision of Butterflies of the Genus *Calycopis* Scudder (Lycaenidae: Theclinae)," by William D. Field. 48 pages, 126 figures. 1 February 1967.

3553. "Type-specimens of Polychaetes Described by Edith and Cyril Berkeley (1923–1964)," by Marian H. Pettibone. 23 pages. 1 February 1967.

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3555. "Review of South American Freshwater Angelfishes—Genus *Pterophyllum*," by Leonard P. Schultz. 10 pages, 4 plates, 4 tables. 16 February 1967.

3556. "Some Portunid Crabs from the Pacific and Indian Oceans in the Collections of the Smithsonian Institution," by William Stephenson and May Rees. 114 pages, 38 figures, 9 plates, 2 tables. 8 March 1967.

3557. "Classification of *Culex* Subgenus *Culex* in the New World (Diptera: Culicidae)," by Ralph A. Bram. 122 pages, 33 figures, 3 tables. 6 March 1967.

3558. "Amblyceran Mallophaga (Biting Lice) Found on the Bucerotidae (Hornbills)," by Robert E. Elbel. 76 pages, 72 figures, 13 tables. 16 February 1967.

3559. "Studies of Neotropical Caddis Flies, II: Types of Some Species Described by Ulmer and Brauer," by Oliver S. Flint, Jr. 20 pages, 5 figures, 2 plates. 30 December 1966.

3560. "Notes and Descriptions of Some Neotropical Agaristine Moths (Lepidoptera: Noctuidae)," by E. L. Todd. 15 pages, 4 plates. 30 December 1966.

3561. "Review of Some Species of *Loxostege* Hübner and Descriptions of New Species (Lepidoptera, Pyraustidae: Pyraustinae)," by Hahn W. Capps. 75 pages, 178 figures. 15 March 1967.

3562. "Notes on Flies Captured in Treetops in Malaya (Diptera: Empididae, Neriidae, Platystomatidae, Sepsidae, Muscidae)," by George C. Steyskal. 16 pages, 4 figures. 30 December 1966.

3563. "*Euphilomedes arostrata*, a New Myodocopid Ostracod from Maldive Islands, Indian Ocean," by Louis S. Kornicker. 21 pages, 10 figures. 15 February 1967.

3564. "A Comparison of Australasian and American Specimens of *Hemisquilla ensigera* (Owen, 1832) (Crustacea: Stomatopoda)," by William Stephenson. 18 pages, 3 figures, 3 tables. 8 March 1967.

3565. "The Benthic Polychaeta and Amphipoda of Morro Bay, California," by Donald J. Reish and J. Laurens Barnard. 26 pages, 1 figure, 2 tables. 8 March 1967.

3566. "Supplementary Description of the Myodocopid Ostracod *Euphilomedes multichelata* from the Great Bahama Bank," by Louis S. Kornicker. 16 pages, 6 figures. 16 February 1967.

3567. "Taxonomy, Distribution, and Polymorphism in the *Labidocera jollae* Group with Remarks on Evolution within the Group (Copepoda: Calanoida)," by Abraham Fleminger. 61 pages, 17 figures, 11 tables. 18 April 1967.

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3569. "Soldier Fly Larvae in America North of Mexico," by Max W. McFadden. 72 pages, 156 figures. 1 February 1967.
3570. "Revision of the Family Pandaridae (Copepoda: Caligoida)," by Roger Cressey. 133 pages, 356 figures. 16 February 1967.
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3574. "Copepod Crustaceans Parasitic on Teleost Fishes of the Hawaiian Islands," by Alan G. Lewis. 204 pages, 70 figures, 23 tables. 22 June 1967.
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3578. Bredin-Archbold-Smithsonian Biological Survey of Dominica, 2: New Species of Diptera from Dominica (Anisopodidae and Bibionidae)," by Alan Stone. 6 pages, 2 figures. 30 December 1966.
3579. "Valid Zoological Names of the Portland Catalogue," by Harald A. Rehder. 51 pages, 2 figures. 21 March 1967.
3580. "The Myodocopid Ostracod Families Philomedidae and Pseudophilomedidae (New Family)," by Louis S. Kornicker. 35 pages, 12 figures, 1 plate, 2 tables. 16 February 1967.

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3581. "Classification of the Western Hemisphere *Balclutha* (Homoptera: Cicadellidae)," by H. Derrick Blocker. 55 pages, 35 figures. 21 March 1967.
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